

U.S.S.N. 10/086,398
FILED FEBRUARY 28, 2002
AMENDMENT

In the Claims

Claim 1-22 previously canceled.

23. (Previously presented) A ~~composition for decreasing the production of A β~~
~~comprising an effective amount of a compound decreasing blood cholesterol levels to decrease~~
~~A β production by neuronal cells in an individual at risk of developing Alzheimer's~~ dosage
formulation comprising a pharmaceutically acceptable carrier for administration to neurons and a
cholesterol lowering compound which crosses the blood brain barrier, wherein the dosage
formulation provides an effective amount of the cholesterol lowering compound to decrease A β
production in the neurons.

24. (Previously presented) The ~~composition~~ formulation of claim 23 wherein the
cholesterol-lowering compound comprises ~~comprising~~ an HMG CoA Reductase inhibitor

25. (Previously presented) The ~~composition~~ formulation of claim 24 wherein the
inhibitor is selected from the group consisting of lovastatin, simvastatin, fluvastatin, pravastatin,
Atorvastatin, cerivastatin, and compactin.

26. (Previously presented) The ~~composition~~ formulation of claim 23 comprising a
compound which inhibits uptake of dietary cholesterol.

27. (Previously presented) The ~~composition~~ formulation of claim 23 wherein the
~~composition~~ cholesterol-lowering compound blocks or decreases endogenous cholesterol
production.

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28. (Previously presented) The ~~composition~~ formulation of claim 27 wherein the ~~composition~~ cholesterol-lowering compound comprises an inhibitor of the cholesterol biosynthetic enzymes selected from the group consisting of 2,3-oxidosqualene cyclase, Squalene synthase, and 7-dehydrocholesterol reductase.

29. (Previously presented) The ~~composition~~ formulation of claim 23 wherein the ~~composition~~ cholesterol-lowering compound is selected from the group consisting of a fibrate, a bile acid binding resin, probucol, nicotinic acid, garlic or garlic derivative, and psyllium.